New PCT National Phase Application Docket No. 32860-000989/US

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ABSTRACT OF THE DISCLOSURE

Coupling of bus systems is simplified. To this end, a coupling device is disclosed that is used to couple two field buses to a periphery bus. The periphery bus can be used to connect input/output modules for the central monitoring or processing of data. For example, the coupling device can be configured in terms of the transfer of standard data and security-relevant data between the three bus systems.